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TITLE: Spam e-mail blocking method and
system, uses Public Key
Infrastructure

INVENTOR: HONG J C; KIM J H

PATENT-ASSIGNEE: HONG J C[HONGI] , KIM J H[KIMJI]

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PATENT-FAMILY:

PUB-NO PUB-DATE

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KR 2005024765 A March 11, 2005 KO

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO

APPL-DATE

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ABSTRACTED-PUB-NO: KR 2005024765 A

BASIC-ABSTRACT:

NOVELTY - A method and a system for blocking spam mails using the PKI(Public Key Infrastructure) are provided to block massively and illegally inputted worm or spam mails by making a sending/receiving mail agent equipped with the PKI and/or a digital signature function certify the mail.

DESCRIPTION - A sender side MUA(Mail User Agent)(115) is equipped with a PKI

processor(110) encrypting a sending mail using the PKI and/or attaching a digital signature. A receiver side MUA(145) is equipped with a PKI decoder(155) for certifying validity for the mail sent from the sender side MUA by decrypting the encrypted mail with the PKI and/or certifying the digital signature attached to the mail, and blocking the mail that the validity is not certified. A PKI routing server(170) supports routing of encryption and/or decryption processor information equipped with the sender/receiver side MUA.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: SPAM MAIL BLOCK METHOD SYSTEM PUBLIC KEY

DERWENT-CLASS: T01 W01

EPI-CODES: T01-D01; T01-N01C; T01-N02B1C; W01-A05A;